

Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

[Tgfb1^{tm1\(Tgfb3\)}Kul](#)/[Tgfb1^{tm1\(Tgfb3\)}Kul](#)

RRID:MGI:5559055

Type: Organism

Proper Citation

RRID:MGI:5559055

Organism Information

URL:

Proper Citation: RRID:MGI:5559055

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: premature death, improved glucose tolerance, decreased total body fat amount, mortality/aging, decreased circulating leptin level, abnormal incisor color, decreased subcutaneous adipose tissue amount, decreased body height, increased monocyte cell number, decreased white fat cell size, decreased body weight, malocclusion, immune system phenotype, abnormal T cell morphology, increased food intake, abnormal bone ossification, abnormal enamel morphology, misaligned incisors, kyphosis, decreased osteoblast cell number, decreased circulating insulin level, abnormal incisor morphology, abnormal tooth mineralization, abnormal tooth attrition, abnormal tooth morphology, ameloblast degeneration, craniofacial phenotype, infertility, increased regulatory T cell number

Affected Gene: Tgfb1

Genomic Alteration: tm1(Tgfb3)Kul

Catalog Number: 5559055

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24056369](#)

Organism Name: Tgfb1^{tm1(Tgfb3)}Kul/Tgfb1^{tm1(Tgfb3)}Kul

Record Creation Time: 20240120T190052+0000

Record Last Update: 20240130T201709+0000

Ratings and Alerts

No rating or validation information has been found for Tgfb1^{tm1(Tgfb3)}Kul/Tgfb1^{tm1(Tgfb3)}Kul.

No alerts have been found for Tgfb1^{tm1(Tgfb3)}Kul/Tgfb1^{tm1(Tgfb3)}Kul.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.